

## Publications by Weather Bureau Authors

- J. K. Angell and D. H. Pack, "Atmospheric Lateral Diffusion Estimates from Tetroons," *Journal of Applied Meteorology*, vol. 4, No. 3, June 1965, pp. 418-425.
- M. H. Bailey, "Extreme Winter Temperatures in Tennessee," *Journal of the Tennessee Academy of Science*, vol. 40, No. 1, Jan. 1965, pp. 18-21.
- G. W. Brier, "Interpretation of Trends and Cycles," *Symposium: Environmental Measurements—Valid Data and Logical Interpretation*, Public Health Service, U.S. Dept. of Health, Education, and Welfare, July 1964, pp. 265-272.
- G. W. Brier, "Techniques for Data Analysis," *Symposium: Environmental Measurements—Valid Data and Logical Interpretations*, Public Health Service, U.S. Dept. of Health, Education, and Welfare, July 1964, pp. 227-233.
- K. D. Butson (with J. F. Gerber), "Temperature Hazards to Peaches in Florida," *Proceedings of the Florida State Horticulture Society*, vol. 77, Nov. 3-6, 1964, Miami, pp. 395-401.
- A. H. Eichmeier et al., "Michigan Freeze Bulletin," *Research Report 26*, Michigan State University Agricultural Experiment Station, East Lansing, 1965.
- C. R. Elford and M. R. McDonough, *The Climate of Siskiyou County*, Farm Advisers Office, Siskiyou County, University of California Agricultural Extension Service, Yreka, Calif., Jan. 1965, 32 pp.
- J. C. Fankhauser (with C. W. Newton), "The Migration of Thunderstorms as Related to Wind and Moisture Supply," *Weatherwise*, vol. 18, No. 2, Apr. 1965, pp. 68-73.
- R. C. Gentry, "The Role of the Rainbands in Hurricanes," *Geofisica Internacional*, vol. 3, No. 4, Oct. 1963, pp. 117-122.
- L. F. Hand, "Monitoring Moisture on Plant Parts Susceptible to Disease," *Plant Disease Reporter*, vol. 49, No. 3, Mar. 15, 1965, pp. 193-197.
- W. E. Hardy, "Recent Severe Storms Research," *Weatherwise*, vol. 18, No. 2, Apr. 1965, pp. 60-67.
- D. L. Harris and E. Hoover, "Forecasting Hurricane-Induced High, Water Surges," *Geofisica Internacional*, vol. 4, No. 2, Apr. 1964, pp. 63-76.
- L. P. Harrison, "Fundamental Concepts and Definitions Relating to Humidity," *Humidity and Moisture* (A. Wexler, Ed.), vol. 3, Fundamentals and Standards, Reinhold Publishing Corp. New York, 1965, pp. 3-69.
- L. P. Harrison, "Imperfect Gas Relationship," *Humidity and Moisture* (A. Wexler, Ed.), vol. 3, "Fundamentals and Standards," Reinhold Publishing Corp., New York, 1965, pp. 105-256.
- L. P. Harrison, "Some Fundamental Considerations Regarding Psychrometry," *Humidity and Moisture* (A. Wexler, Ed.), vol. 3, "Fundamentals and Standards," Reinhold Publishing Corp., New York, 1965, pp. 71-103.
- D. T. Hilleary and W. A. Morgan (with F. Saiedy), "Cloud-Top Altitude Measurements from Satellites," *Applied Optics*, vol. 4, No. 4, Apr. 1965, pp. 495-500.
- W. F. Hilsmeier (with C. E. Miller, Jr.), "Second AEC Conference on Radioactive Fallout from Nuclear Weapons Tests," *Nuclear Safety*, vol. 6, No. 3, Spring 1965, pp. 283-291.
- G. C. Holzworth (with C. R. N. Rao), "Studies of Skylight Polarization," *Journal of the Optical Society of America*, vol. 55, No. 4, Apr. 1965, pp. 403-408.
- G. Holzworth (with Branson, Tabor, Gold, Hardin, and Kahn), "Detection of Fallout from Chinese Nuclear Test of October 16, 1964, by the National Air Sampling Network," *Radiological Health Data*, vol. 6, No. 4, Apr. 1965, pp. 188-192.
- H. N. Johnson, "'The Intertropical Convergence' as Revealed by the TIROS Weather Satellite," *Geofisica Internacional*, vol. 3, No. 3, July 1963, pp. 91-102.
- P. C. Kangieser (with C. R. Green), "Probabilities of Precipitation at Selected Points in Arizona," *Technical Reports on the Meteorology and Climatology of Arid Regions No. 16*, The University of Arizona, Institute of Atmospheric Physics, Apr. 1963.
- E. Kessler, "Purposes and Program of the U.S. Weather Bureau National Severe Storms Laboratory, Norman, Oklahoma," *Transactions, American Geophysical Union*, vol. 46, No. 2, June 1965, pp. 389-397.
- A. J. Kish, "1964 Climatological Report of the South Carolina Agricultural Weather Service," *Agricultural Weather Research Series*, No. 5, South Carolina Agricultural Experiment Station, Clemson University, Clemson, S.C., Feb. 1965, 20 pp.
- W. H. Klein, C. W. Crockett, and J. F. Andrews, "Objective Prediction of Daily Precipitation and Cloudiness," *Journal of Geophysical Research*, vol. 70, No. 4, Feb. 15, 1965, pp. 801-813.
- P. M. Kuhn (with V. E. Suomi), "Airborne Radiometer Measurements of Effects of Particulates on Terrestrial Flux," *Journal of Applied Meteorology*, vol. 4, No. 2, Apr. 1965, pp. 246-252.
- H. E. Landsberg, "Die mittlere Wasserdampfverteilung auf der Erde," *Meteorologische Rundschau*, vol. 17, No. 4, 1964, pp. 102-103.
- F. B. Lipps, "A Note on the Beta-Plane Approximation," *Tellus*, vol. 16, No. 4, Nov. 1964, pp. 535-537.
- P. L. Moore and J. Vederman (with H. A. Bedient), "Computer Analysis and Prediction in the Tropics," *Geofisica Internacional*, vol. 4, No. 2, Apr. 1964, pp. 99-110.
- R. E. Myers (with W. L. Colville), "Nebraska's Precipitation—Its Patterns and Probabilities," *Miscellaneous Publication No. 10*, The Agricultural Experiment Station, University of Nebraska, May 1965.
- J. Namias, "Macroscopic Association between Mean Monthly Sea-Surface Temperatures and the Overlying Winds," *Journal of Geophysical Research*, vol. 70, No. 10, May 15, 1965, pp. 2307-2318.
- W. C. Palmer (with D. J. Fieldhouse), "Meteorological and Agricultural Drought," *Northeast Regional Research Publication*, Bulletin 353, University of Delaware, Agricultural Experiment Station, Newark, Del., 1965.
- J. Posey and P. F. Clapp, "Global Distribution of Normal Surface Albedo," *Geofisica Internacional*, vol. 4, No. 1, Jan. 1964, pp. 33-48.
- R. L. Pyle and S. F. Singer, "Dependence of Ground Station Acquisition Effectiveness on Geographic Location and Satellite Orbit," *Journal of Spacecraft and Rockets*, vol. 2, No. 3, May-June 1965, pp. 410-415.
- M. J. Schroeder (with C. C. Chandler), "Probability of Effective Post-Attack Fire Fighting in Wildlands," Office of Civil Defense *Research Report No. 10*, Mar. 1965, 9 pp. (mimeo)
- J. H. Strub, Jr. (with D. G. Baker), "Climate of Minnesota, Part III, Temperature and its Application," *Technical Bulletin No. 248*, University of Minnesota, Agricultural Experiment Station, 1965.
- D. Q. Wark (with I. J. Spiro and R. C. Jones), "Atmospheric Transmission: Concepts, Symbols, Units, and Nomenclature," *Infrared Physics*, vol. 5, No. 1, Mar. 1965, pp. 11-36.
- H. Wexler, "Interpretation of Observations Received from Meteorological Rockets and Satellites," *Advances in Space Research*, The MacMillan Co., New York, 1964, pp. 403-409.
- R. M. White (with R. A. Chandler), "Project Stormfury: Status and Prospects," *Bulletin of the American Meteorological Society*, vol. 46, No. 6, June 1965, pp. 320-322.
- J. S. Winston, "Comments on 'Cloud Heights and Nighttime Cloud Cover from TIROS Radiation Data'," *Journal of the Atmospheric Sciences*, vol. 22, No. 3, May 1965, pp. 333-338.